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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/324,149	
	Filing Date	June 2, 1999	
	First Named Inventor	Shimon Weiss	
	Art Unit	2879	
	Examiner Name	Quarterman, K. J.	
Total Number of Pages in This Submission	4	Attorney Docket Number	IB-1402

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Firm or Individual name	Charles R. Nold; Lawrence Berkeley National Laboratory
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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>June 2, 1999</u>	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>09/324,149</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Charles R. Nold</u> Internal Address: _____ _____ Street Address: <u>Lawrence Berkeley National Laboratory</u> <u>One Cyclotron Road, MS 90B0104</u> City: <u>Berkeley</u> State: <u>CA</u> Zip: <u>94720</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>120690</u> (Attach duplicate copy of this page if paying by deposit account)	
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P.02
PAGE 02/02ASSIGNMENT

LBNL Case No. IB-1402

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S)

1. Shimon Weiss
2. Michael C. Schlamp
3. A. Paul Alivisatos

hereby sells, assign(s) and transfer(s) to ASSIGNEE, The Regents of The University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

**ELECTRONIC DISPLAYS USING OPTICALLY PUMPED LUMINESCENT SEMICONDUCTOR
NANOCRYSTALS**

and which is found in

- (a) ☒ U.S. patent application executed on _____ entitled as above and listing the above named persons as inventors.
- (b) ☐ U.S. application serial no. filed on _____
- (c) ☐ U.S. Patent No. _____ issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may necessary or desirable to carry out the purposes thereof. Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.

executed this:

Signature of Inventor(s)

____ day of _____, 19____

Shimon Weiss

____ day of _____, 19____

Michael C. Schlamp

21st day of January, 2004

A. Paul Alivisatos

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510 486 7896

P.04/04

ASSIGNMENT

LBNL Case No. IB-1402

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1. Shimon Weiss
2. Michael C. Schlamp
3. A. Paul Alivisatos

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**ELECTRONIC DISPLAYS USING OPTICALLY PUMPED LUMINESCENT SEMICONDUCTOR
NANOCRYSTALS**

and which is found in

(a) ☒ U.S. patent application executed on _____ entitled as above and listing the above named persons as inventors.

(b) ☐ U.S. application serial no. filed on _____

(c) ☐ U.S. Patent No.: _____, Issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property:

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may necessary or desirable to carry out the purposes thereof. Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.

executed this:

X 1st day of June, 1999

13th day of MAY, 1999

X _____ day of _____, 19____

Signature of Inventor(s)

X Shimon Weiss
Shimon Weiss

Michael C. Schlamp
Michael C. Schlamp

X A. Paul Alivisatos
A. Paul Alivisatos

TOTAL P.04